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PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-030258

(43)Date of publication of application : 08.02.1991

(51)Int.Cl. H01M 4/24

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(54) BATTERY

(57)Abstract:

PURPOSE: To simplify a production process and to obtain uniform charge-discharge performance by mixing a hydrogen storage alloy or nickel-plated hydrogen storage alloy in a negative electrode layer.

CONSTITUTION: A positive electrode layer 4, a separator layer 5 in which an electrolyte is impregnated, and a positive electrode layer 6 are stacked in order in a container 9 and sealed therein. A nickel and copper-plated hydrogen storage alloy or a nickel-plated hydrogen storage alloy is mixed in the negative electrode layer 6. The hydrogen storage alloy absorbs hydrogen and the hydrogen is used for charge-discharge of a battery by its oxidation-reduction reaction. The battery whose discharge voltage is flat and capacity is uniform is obtained and its production yield is increased.

